



**Title:** PTCRB LS on Multi-Band Multi-RAT test cases  
**Re:**

**Source:** PTCRB  
**To:** 3GPP RAN WG5, 3GPP GERAN WG3  
**Cc:** PVG

**Contact Person:**

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**1. Overall Description:**

PVG is the technical sub-group of PTCRB. They have identified that testing of roaming procedures between networks containing frequency bands of different ITU regions are required.

In order to test these requirements test specification for Multi-Band Multi-RAT (RFT-067) has been approved in the last PTCRB#53 meeting.

It has been decided to split up the test cases into two parts:

- ⇒ Section 3.1: Scenarios consisting of a pure 2G environment
- ⇒ Section 3.2: Mixed scenarios consisting of both 3G and 2G environment

The Multi-Band Multi-RAT selection test cases are based on PTCRB requirements and are not written according to the 3GPP test case drafting rules. As example the MM requirement 'HPLMN Search Period' and idle procedure requirement 'selection of OPLMN' is verified in one test case. According to the 3GPP test drafting rules both requirement would be tested in different sections of 3GPP test specifications.

PTCRB and PVG would like GERAN WG3 and RAN WG5 to kindly clarify the situation on the Test Coverage for roaming procedures between networks containing frequency bands of different ITU regions.

**2. Actions:**

We do appreciate if GERAN WG3 and RAN WG5 could start an appropriate activity to analysis the situation. We would specifically request that the following questions:

1. PTCRB would like to invite GERAN WG3 to review the test cases in section 3.1 of test specification Multi-Band Multi-RAT from a technical perspective.
2. PTCRB would like to invite RAN WG5 to review the test cases in section 3.2 of test specification Multi-Band Multi-RAT from a technical perspective.
3. PTCRB may also ask as 'action for decision' whether RAN WG5 and GERAN WG3 implement these test cases into their specifications without splitting these test cases in different sections.

For the case that RAN WG5 and / or GERAN WG3 can not implement Multi-Band Multi-RAT selection test cases due to above described possible reasons in to their specifications without splitting these test cases in different sections, PTCRB is also happy to maintain it as a PTCRB test specification.

PTCRB and PVG kindly ask that GERAN WG3 and RAN WG5 provide this information in time for our next meetings.

PTCRB and PVG would like to thank GERAN WG3 and RAN5 for their very kind cooperation.



**3. Date of Next Meetings:**

PVG#43

November 17 – 18, 2008

Copenhagen, Denmark

PTCRB #54

December 1 – 4, 2008

New Port Beach, California